GEO. ENGELMANN, M. D.
3008 *Locust Street.*

St. Louis, Mo., July 4 1876

Dear Parry

Lieutenant sends me a flowering Agave sketch of which was brought to New Braunfels from the neighborhood of "Montezuma between Venado and San Luis Potosi. It is one of the tall ones, and I think is A. Salmiana, not heretofore known in flower; — a very loose panicle — 15 or 18 feet high. —

Castor Aguave, A Victoriæ Reginæ, I believe, with very various forked terminal spikes of leaf has been sent to England from the neighborhood of monterey.

So, look to your laurels.

Here I got a week ago from you a root, a fragment — no letter, no postal — what is it? what sent for ?? to plant? to eat? to purge?

This was written weeks ago. Since then your letter of June 10th has come to hand, and another of the above mentioned root-fragment, which I now learn to be an Agave virginica flora! It is planted.

But first I must say that your letter of May 17 also came to hand with the elaborate account of Dr Torrey Cacti. And now I will go over them regularly.

My last letter was of May 20th, which you had not yet got, when your last was written, June 10th, "Choiceto"

That Mamillaria with fruit enough to satisfy all the world is M. uncinata, and mixed with the fruit were a spine bundle of Cereus pectinatus

That most common cylindric Opuntia is very interesting to me, as it is a close relative of our native O. arborescens

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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and is either O. decipiens or O. imbricata, if both are not synonyms. I suppose Wislizen gathered it in North Mex., & but confounded it with arborescens. You must have a good recollection of that, as it grows in New Mexico & Colorado. The plains of the Arkansas, nearly to Pike's Peak are full of them. flowers much like yours, but branches horizontal (or at last drooping) and ~~vertical~~ ascending. Your immature fruit was very welcome, as I can compare it with our arborescens, it is quite different from it, almost without tubercles, while ours is beset with them, much like the stem branch itself



I now want the seed, to study & compare, and to sow. —

Among the "Clavatae" as you call them must be O. tunicata, a low much branched cylindrose opuntia with numerous sheathed spines (no clavate but sheath spines!); it was sent by Gregg from San Luis — It is common in cultivation but both fl. & fr. unknown!! therefore look out!! It is much more interesting to get material to complete the history of an old, half known species than for new fragments. — You must have seen that O. tunicata will recognize it by the pale glistening sheaths of the spines.

It would be very interesting to follow up the wild (or run wild from cultivation) forms of Agave Americana and ascertain how it varies, and what are the constant characters; are the teeth or the terminal spine constant, or the general leaf form — or must we look to fl. & fr.? You speak of an extreme short leaved form, with leaves 10 & under by 5 inch. Can that be? Is that not another species? or do you find the connecting links?

If you collect pines do not neglect the female aments (or young cones); spring ought to show them, as they are visible the whole year round. — male aments of course if possible — even if withered.

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Riley is at the Agricultural Dep. Valley says his (own) health not good — can not do much.

You have now, I think, completed the material for Cereus geometrizans.—

Opuntia futeroens or leptocaulis, then, open only in Dec. & Jan.! Is the colour of fl. yellowish green? I have the same impression from Texas — so that the vegetative & reproductive organs of a night-flowering Opuntia are set at rest.

Both fragments of Amole rootstock are budding — but I can not find the capsule for the life of me — must have laid it away so carefully — that it may come up only in the next cataclysm.— Therefore get me other capsules (& ripe seed) I expect soon to see the flowers.— Don't you find Lechuguilla and my Agave falcata, which is only sp.nov., A. striata, Zucc., geminiflora.— which also all the Agaves which are used as amole or mescal — I believe not all are fit for it.

Watch the Ligeia = Agave flowers

Schaffner probably has no call of this Agave too troublesome to make! Let him slide

I always repeat the request to collect fragments or imperfect bases of leaves — important characters in them.

This Yucca is no doubt the same that is introduced all around the Mediterranean and naturalized. In Naples I have seen many schoonerloads of the fruit, and liked it. There they have purple white and orange coloured fruits (Fico d' India) the last the best, and also a variety with abortive seed.— We do not know much, or anything about the Cultivation — Mexico and your sketch will be valuable I did not know they fermented it — never heard of that in Italy — but then — they have cheap wine there!

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I am unusually busy — have finished the Weeders — Rothrock's work, but am preparing Dr Engelm Flora Calif for me all together in a and Herman at 90. close — dalton — much racin. —

If it gets hotter my wife will not stay here and I shall have to leave not withstanding the A.A.S. —

I hope to hear more from you soon and I myself will try to be more punctual in writing. —

Yours ever

J. Engelmann.

If you should find Oaks watch for annual or biennial fruit-fists or rather maturation. You know that the Black oaks show their fruit (young nuts or both) all the year round.

Wait for Dr

& shame!

St Louis March 10 1870

Dear Parry

Did you ever have mumps and earache and throatache and cough and chills and fever, and been obliged to go out and see patients and do other duties, and feeling cross and snappish and boorish and bearish and — be obliged to be amiable and say 'dear" ? That is exactly my situation. Your Castor seed are certainly emollients and make my pen scratch the paper, what other charms could not do" — but silent though deep curses or at least grimace, don't show on the paper!

I have had 8 or 10 days running from one cold into another, going out at night and in rain and raw weather, sometimes as low as 20 — so that this thing has been growing on me — and is now so bad, that I refuse night calls or evening calls — but can not help going in daytime,

Of course your have seen Dr Engelmann for me

and as the weather is warm now and fine I hope to get gradually over it.

This, I know, is to me just now as important as Cactus seeds — whether to you is a very different question.

Now I have two letters which require answering — of the 4th & 7th. Mine, I believe are never answered by you.

That P. Torreyi has never come to hand — has it been sent?

But I received a box with Yucca baccata, leaf and (unripe?) seed — and P. Menziesii —

That another is O. Coronopifolia

Phormium seeds are to me only botanically interesting —

Australian seeds respectfully declined.

It is quite probable that Khan Fuendo Mt is an extinct Volcano — but I hope Dr Palmer brought more convincing proof (in specimens) than his ipse dixit.

Why should Cactus not do like other plants and ripen fruit next spring!

"The Cereus seed was from Sonora (Alton)" what is Alton??

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Dont Dr Palmer recollect, what
sort of A Plant this Cereus was —?
Erect, prostrate, creeping, climbing —
stout, slender? resembling which
known species? Did he ask meet with
Schottii or Thurberi ?? Any seeds of Yucca??

Get Schott who being a draftsman
has a plastic mind question him
refresh his memory and see what he
can make of his gropings out. —

Any thing about that doubtful Yucca
with help thick seeds — leaves?

Yucca leaves are more important
than flowers.

Did me no service in writing
to the Commissioner that me — would
do the Pass that others may not do
them worse — but that all — and
so I take it the botanical part is
only small matter — the utilitarian
to predominate, with flourishes
which wont flow from this chiels
pen.

Put Noellia aside in my pigeonhole
and if you want analyses — I will
make them.

This reminds me of a Conversation
with a Parisian savant, 13 years

That Spurgeon —

age — I told him, I intended to publish
Some botanical work — Cacti I believe
— Who is going to make your figures and
your analyses ?? " — They are all
made, the latter by me. — An ominous
rather disapproving silence!

I expect daily letter from Braun —
When he will have to say what was done
with the microscope. —

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

(not Cereus)

That "Cereus Pecten Aboriginorum
is curious — but you go too far in saying
it is "entirely unlike any other Cactus"
look — Cact Found at C. Lucayi — from
San Diego — here the plants are only smaller
but probably allied plants. But are
the bushy, bristly, elastic enough for
any such purpose — they are mostly brittle.

How can I give you an opinion without
seeing the Corpus delicti? Send by all
means! — And — the best thing would
be to send the Cacti, all — to be
returned within 3 weeks — before the
spring season Commences! What say
you — if your Bureau can not conscientiously
do it, I must pay for the privilege to
name your plants!

I want to see that pointed Cereus from Guaymas
Schottii?

Yours ever G. E.

Do you say it is a "large Cereus"? Entire??

If Cereus Pecten have

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St. Louis, Mo., April 1st 1879

My dear Parry

There are the packages from you sent by Shaw, and there are two from Curtiss from Florida — none were opened till I gathered resolution and undid your bundles today! I am so Cilled, & good for nothing! And here comes also a letter from Watson, the first in 3 months! I thank him for his forbearance, but perhaps it will that he should commence to stir me up.— — It is not only all that has befallen me within the last winter but it is also bodily misery a severe bronchial affection — loss of sleep, of appetite, I get tired from every small exertion, and it is high time that George's recovery and my own should make me a new man! George is out of bed but yet unable to leave the room or at least the house.

Your Agaves look most of them as if they would grow, but the Cacti, at least the larger ones, and all the Opuntias are dying or dead.

Do you want the names of your Mexican Pines — I am familiar with them; but the Cypress, I can not at once name. The Ephedra pleased me much. Rose, I believe, is known from Mexico, except with Gloria from Northern Mexico. But I suspect I have seen your new species before, among Wright's Boundary plants — but seeing only a single

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specimen, I did not dare to pronounce it new, or describe it.

Of the Oaks I can not say any thing. And, pray, where are the notes ??? Lemon complained the other day that I took him 32 books, but I shall have to harry you with a thousand, if you treat me thus.

What good are that printed label &c which is just as good for me. Take as for a guess? —— The full notes, pray!!

My energy — as well as my subject is gone, evaporated, and I close.

Pray give my kindest regards to Mrs Putnam. I shall answer her good letter when I am better able.

Yours Truly

Sereno Watson

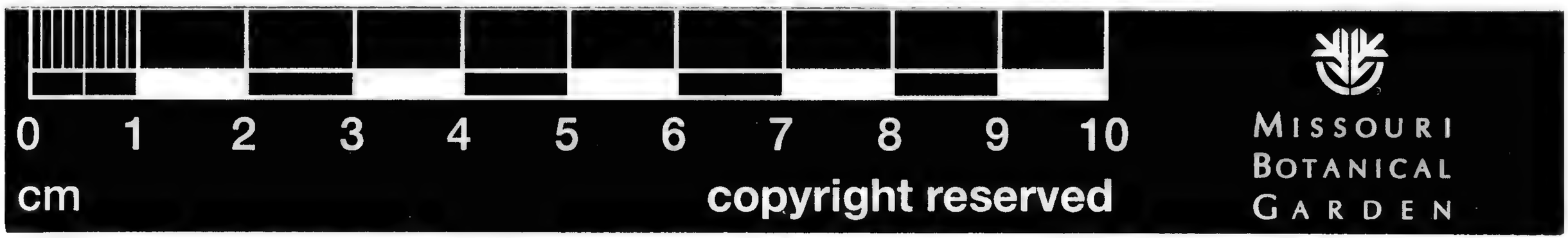
That Nut must be the Pecan, olivæformis, itself. Foliage of the velamen I have not found yet.

Tell Sumner to take better care of himself — but I suppose, he, like all boys — my own included — know best a great deal better than older heads

Alba v. Cupida. (Diff. from Calendo ??)

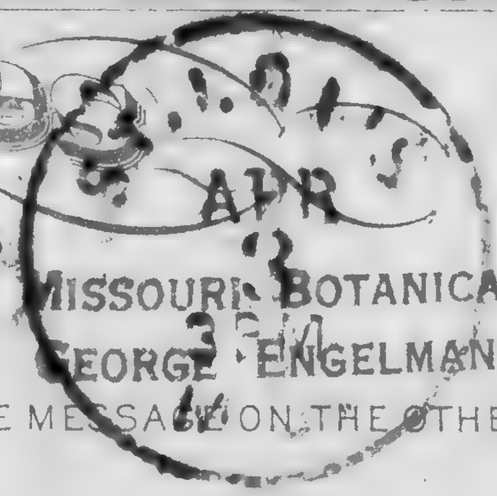
Later peccavi The δ is here, was in yesterday's botany overlooked, and it has a peculiar character, which must be compared with other species (— or specimens! —) for perhaps an individual, not specific character; viz: the little δ aments are terminal on elongated branches In Virginica and occidentalis they are on short branchlets, laterally. yours C. C

P.S. I just [illegible] look out for flowering Quercus, and the young fruit of these with bicornis maturation — Off of Lupines are desired



United States Postal Card

WRITE THE ADDRESS ONLY ON THIS SIDE—THE MESSAGE ON THE OTHER.



To Dr C C Parry care of

J. E. Johnson Esq St George

Utah

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GE[illegible]ANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 14 1879

Dear Parry

Here a list of your Conifers. I have no mind and no time now to study Euphorb or Gramin — You planted both Cargas under the same number 835 f. One, a leaf specimen with good fruit is evidently our Texan, C. olivæformis! But the other, of which I have only fruit, is very different. Fortunately a part of 2 leaflets adheres to my plant. It is from Alvarez (Where is that). It is evidently between alba and tomentosa but different from either. de Candolle (1864) knows no Carya from Mexico, except tetraptera. Does the word speciosa refer to the nigra fruit or to oliviformis?

I forgot to say that Asa Gray came safely — George is delighted with his plaything. He is out drive one week and seems to improve. I myself am all right again but dull and listless. It pained me to see how little your plant seemed to interest me, when I opened the bundles. I

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was pleased to see that you had arranged the genus so well, and wondered who assisted you — or did you make all the necessary studies yourself ?

In Log one and Log two there is also Pinus Montezumae, the genuine article. Palmer was lucky enough to get a Log cone on the Branch. — But no Arcutholepis.

No Notes no duty no cordiality

When you come I will show you Greggi's full notes !

Of course plants without names are much less interesting, but we have to wait and be patient — perhaps the names will come in my life-time !

I can not come to you, so you better come here, but I must + you better come here, but I must +

" When your parcels go on, I will write more fully " C.C.P. I am waiting !

+ say that I am the boss now of Watson & Widney, and all the work that is in me belongs to them, until my part of Flor. of Calif is done !

And now good night !

Yours truly

J. Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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April 15

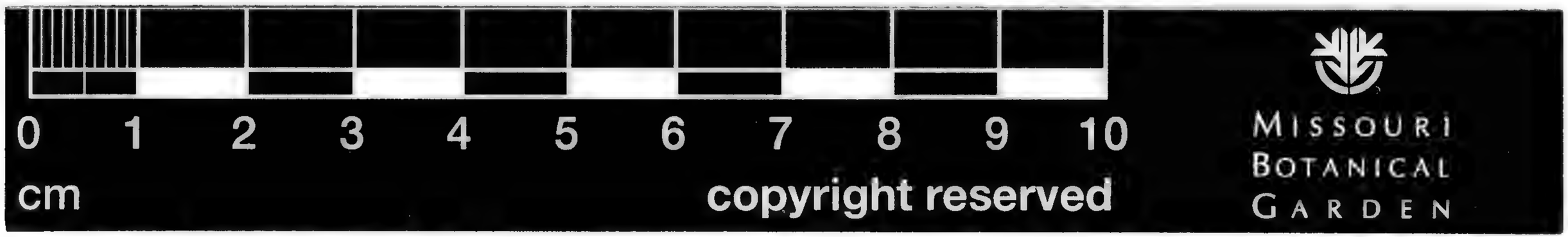
and just like him, no pleasure of what he has got, scarcely thanks, and the gruff question: and where are the ♀? Hooks, Hooks, Hooks!

Tragi 1 seems an Atalyphus and 2 an Apleon — now dubbed Argyrothamnus.

shall not [illegible] to San Bernardino!

Got yesterday 2 Phot. plates for a figure paper from La Diego — quite an ornament to our Transactions. — Working hard at Guesses, after doing Cactaceae for Calif. Flor.

G E



POSTAL CARD.

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

U.S. POSTAGE ONE CENT

ST. LOU
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Dr C C Parry

Box 77

San Bernardino

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St. Louis, Mo., April 20 187 9

Dear Parry —

no peace for the wicked! —

Last night I sent many remarks & questions
To day I have more to add.

I think fruit and seeds of both Opuntias,
281 imbricata and 282 tunicate I have thoughtlessly
put with the fruit of 281 was one, about same size
and form, which on close examination was covered
with 80 or 100 areolae without bristles — and was
all over puberent. It is a Platopuntia — but
what? Apparently near O. Missouriensis *

Among those Echinocacti 273 of which I have
Engelmanni already 3 I find a fruit with the label
"specimen sent to show" which fruit is different
from the 3 others — A fourth one, (from Palmer, now turns up
you say "light rose"
hapless number!

273 Echinocereus with deeply purple (therefore
most probably diurnal) flower must be the
same which you figure under N. 1 — short flower
278 is the Echinocereus marked by you N. 2 with
long bright red (therefore unchanged, not diurnally)
flower. The seed of the latter seem to be a
package sent ~~by~~ by with Angle — is it so?
~~of those labeled to 277?~~ ~~Of no seed package for the Echinocereus~~ Yes
* That puberous small Platopuntia ~
a puzzler. If the (very mealy) seed in good
we will raise it — "if it take the whole
summer".

I find no fruit of Opuntia Missouriensis, but
I send them in a letter last year, unripe
seed

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Do May you and a single fruit of an Asbolonium?
Nothing else ??

Yours of April 16 just in — in answer to my first Eagle round, I suppose —

Schedon anthippe was also related by Gray. When and today 18th a note about them. They are difficult and must be studied above more looking at them and into the books work. &c. How high does your E. pulverulata grow? Full notes! — It is a comfort to have Brewer's note book to compare which I have here just now from the Calif. Oaks &c. Of course much of what he says is applicable (e.g. "leaves in 3's, 8–10 inches long," when the specimen already is before me) but many other things. The specimen don't show. Lemmon has sent another batch of specimens, but as I told him I would buy his set if the specimens were full and excellent — he declined! Why my question implys a doubt and was it offensive? —

And now, April 19 your batch of seeds and notes in. What shall I do with a million seeds of Chiletes? —

So, I have no flower of O. dasylirioides — Lemon still unknown yet — But then, seed is there — a step forward in 40 years, since the plant is named & described — perhaps we will have in another 30 years a flower!! So we go, leave enough for those that come after us!

Your Mexican &c. has to be sifted down until I can get name — Euphorb. perhaps exceptional & Agaves — But first we to the work for my Tuskmeeters!

So I will get foliage of that Carya — glad of it — But of Juglans you only sent me nuts & fake — I never got foliage!

More soon, as I find time for questions and grumblings

Yours ever
GE

P.S. Specimen of Agave in flower, with ripe seed capsules, all that is left of it.

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., ... 187

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Dr

I know and you might also have known, that more was coming.

Watson wanted my views about Ephedra and as I had given the genus a good deal of attention (as an appendix to Conifers) I had accumulated a good deal material drawings etc. So the right chord being touched, I set to work this quiet Sunday after I had seen my few patients and finished my dinner (important proceding!) and over-hauled all my Ephedræ.

Your Ariz Frio plant (1851) and that sent from San Luis I think and there collected & how large shrub? Shrub its appearance? could it be a form of the common one, grown under peculiar, favorable circumstances, such as shade and moisture? are identical and I propose to name them pedunculata.

Then we have E. variabilis n sp. with 2 and 3 leaves, membranaceous (rarely coriaceous) bracts in axael, otherwise similar to antisyph. — Here goes from Frontera Sept 1852 Arizona Cuesta Palmas, "10–16 feet high" & Geo Thurber 249. How large etc etc ???

Probably distinct from this by its exceedingly large bracts (membranaceous), is your Utah 250 — if not an overgrown form of the latter. Look it up in your Coll. and give me your views and recollections.

Am then come to Trifurca of Torr, which

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you know, but I do not know whether you collected it at El Paso, but suppose so. The El Paso sp. (wright 1874) is rarely in flower yet. We have no ripe fruit nor good flowers of it.

What is the exact locality of the two Utah forms, your 249 and 250? How to look for them? When are they collected? When in fruit expected?

I am almost ashamed to send this off already. These letters come too often for your comfort! But then, let it go!

Yours ever

J. Engelmann

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St. Louis, Mo., April 28 1879

Dear Parry

Thanks for your Ephedra notes
I get a letter from Watson today, says
that his Mss on Ephedra is finished, and is
that he disagrees with me in many points.
what I called ramosa and nevadensis he
takes for same — which I do not understand
to be —

I also got a letter from Brewer with one
from Mr G Symes who studies Conifers very
attentively — also criticizing my views —
The California Abies and the Colorado color
are certainly distinct, they say; Bark of the
Calif. tree (what they used to call
grandis, and what would be Lowiana if
distinct) they say is red, like that of
magnifica, and the Colorado common white.
Now I thought I had a bark specimen.
from you from San Bernardino, which was gray
not white nor red — but I can not lay
my hands on it now. But I have bark
from Lemmon. One of a very large tree is
2 inches thick, deeply cracked, gray outside and
red inside. Those of a young (12 inch) tree is
white — Notes from a magnifier of
same diameter.

Have you distinct resolutions? Hooker
writes that he could with difficulty distinguish

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the bark of Louisiana and magnifica.

But here comes a letter from Bolander 1869
Shows us such questions were raised:

Grandis [of the Calif. botanists] Trunk grey White
the most abundant fir of California =
"White fir" poor timber — 3000 — 8000' alt.
amabilis [now magnifica] Trunk Cinnamon
brown red — Here for "Red fir" — excellent
timber — alt 7000 — 10.000 feet.

So you see, I can ask pass a week
without writing to you!

Give me your impressions about
these Alaska books.

I am expecting that Hooker gets
you authentic trees and of native
ones the lower branches; the old
branches, such as Lemmon-and me
a fresh one last winter have broader, shorter
thicker, more glaucous leaves. I and
the branch shows to Hooker!

George is in the country and
finds that he is quite weak yet.

Yours truly

J. Engelmann

I forgot the most important: I am
sure Parryi is bloom fully corresponds
with Dr Cardenas description, short tubes
full of deliciously nectar, only too little to
satisfy the Gods, but enough to drop down on
hands and cloth. Where is Greene?

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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., May 10 1879

Dear Parry

Has Op. Fusiata, 282, a fleshy, or pulpy fruit, or dry? The former seems probable from the specimen I write to Barnes for the flowers! I ought to have thought of that sooner.

"Op. Fusca" is the edible one and cultivated, as eaten as I understand you: But it seems to me different from Op. Rosea Indica which is called so absurdly a fleshy & fig. There are probably several edible & cultivated Opuntias. One with Echinocereus (277 with short rose flowers and 278 with long crimson flowers) called Missouriensis, and have some fruit? You send the fruit of 277 only, of 278 you say you have no perfect fruit but only an immature fruit but open among my specimens of 278, which may belong here

This was written over a week ago!

Yes You or rather Mrs Watson would have made money out of it Parry! — we did not — and aside of any study of the multifarious flowers I would have passed with that gathering a day. But your suggestion of a Photo aroused a little realism in me — and it so happened that the plant — "fill dloom (all the branches above! with its golden yellow blossoms on the deep green ovaries was really a grand sight and look now like shaggy gamey — so he and so difficult to convert to a photographic it — that I had thought a photo of a single branch — larger size. I send you this also a copy of my article

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for Rottrocks botany of Cheeley Exp. in which
you will find Oaks and Pines etc. dissected;

You have — my provoking way —
of not answering questions — some
times! — You just ignore them!
They are not put for such
mean uses.

A Clarkii corresponds perfectly with
cloth roots dried specimens and is charact.
enjoyed and distinguished from the majority
of species by the short tube (Calyx tube
as long) and insertion of stamens in
the throat. Of the Plots turns out
Good enough for you, you should have
a large and a stereoscope — viz.

Mon amour!

Yours ever

J. Lindley

Remember me to all the Watsons
from and what is Jenman doing? I am
down papers I have got, except
of his mss. and Dodson responsible
for everything. — His note about lack of correct
correspondence with his specimen is my hands (from
Sandwich as Vancouver). — I have a sharp controversy with
Hooker

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Will do. — St. Louis Photo & Gardens Chronicle, Should engrave it. Fair images. cuts too dilley for plates for Acad. Trans, which is too much.

GEO. ENGELMANN, M. D.
3003 Locust Street.

St. Louis, Mo., June 20 1879

Dear Asa, I have not thanked you for your Ephedra notes. Watson seems to have done Ephedra and does not adopt my views; and I have not time to more closely examine them, to see who is right.

I enclose you a booklet of Trautvetter, which is very distant from my Scandrett, as you will see; but Engelmanni stipitate adventive, whole growth erect Scandrett has short stipitate crozes-detachable basis; Watson takes it for a form of short named versicolor. My pedunculata (formerly pedunculata) he takes for the true antisyphilitica, Lindl., etc.

Mine seem to be no female sp of 251 and the male is not yet in fl. little to say about it.

I put the Ephedra with your bundle, which is too small yet, to see — Watson in it, etc.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Well, after many weeks, Dave Peters was written and can only add Agave Parryi and the Photo, which you can compare with your old one, taken in Arizona. It is not as good as I should like to have seen it, but it was a windy day and could not be engraved. The bloom was the bright clear yellow and almost all the bracts bluish at the base

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MISSOURI BOTANICAL GARDEN

time, so that Mr Shaw knows himself acknowledged it to be magnificent

Thanks for the different notes, seems they occ° from time to time. I have now sent off Grasses for St. Calif. But Conifers are not yet worked up, a Cistus now before me, before I can think of any thing else. As soon as I can, I shall go East, probably to town to see how with George, whose health is improving rapidly.

What are your plans this summer. What are your plans for next spring. California and Kew together?—

The Abies was kindly extended to Oliver and Hooker and my letters are fired off rapidly. I had a long play with Bentham, who could perceive Abies Menziesii into Abies Douglasii. He has given up now the first, but would admit the distinctness (relationship) of Abies Nobilis, which he will have to do.

About Abies the fact is that those 3 species Engelm, Purpurea and Nobilis are distinct, but the other fact is not less true, that the leaves form no absolute distinction, but very very considerably so. Veitch, who keeps poking things at me, for which I send him always a little more than the postage, sent the other day a Picea purpurea with square leaves like Engelm: Vice-Cons. Veitch fortunately came along, and the Thick (nearly glaucous) twigs showed what it was. But worse still Lyall gathered in 49° parallel a Species called Menziesii, with the broadest and shortest leaves of Purpurea; but the prettiest bunchlets and smallest cones of Engelmanni!!! — So: leaves no good! — Do not let me wait so long.

Yours ever
Asa Gray

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

GEO. ENGELMANN, M. D.
3008 *Locust Street.*

St. Louis, Mo., July 11 1879

Dear Parry

Yr P. C. and list of names have come to hand. Thanks. Yes, I did not know that had become of your proposal to take Davenport in — it was not bad. I had thought of it myself — The situation is a little complicated.

First of all, George is going to marry his gentle nurse of last winter is going to be his wife next week, (and I will act expert, his Ofc boy nurse (!) and they are going to ... roast both reading recreation, relaxation and recuperation. It was to go with them, and George had it all arrgd with Greg — taking charge of me — and my affairs! That of course could not work. I did not want to trouble the young folks who may [illegible] try to get through life together without [illegible] the governor". And then I had promised Watson and Whitney work for the Calif. flora more than 6 yrs 9 months ago — That terrible winter broke in on my arrangements and I succeeded only last month in sending off Guerros (by the by, I restore Newberry; name of J. Stillingfleet for the later Sonoma is). But then I was taken sick again, cold, fever, catarrhal affection, entirely unable to work and now a cough a good deal worse than that of Bettina's Pass troubles me, keeps me from sleeping, and actually keeps me from decent society, and would not permit me to enter a hotel or a sleeping car. It has something [illegible] whooping cough and asthma! I am a perfect nuisance to myself

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and to others. I can not work more — and then the heat is so debilitating; and still feel in honor bound to finish Conjus. I work a little at them, plodding away, as Gray would call it, without vigorous progress.

Well Matters thus stand Thus:

I will stay here till I can finish Calif. Conj. (soon or later), then I have a mind to come to Davenport spend a day or two with you (without an added dinner and interference), go east to meet George & his wife — / stroll around there, look into peoples privacies, spy out what they have able Queens, Conjus or Carts — spend a few days & York & especially with Meehan, with whom one can always learn a good deal — and come back — I shall remain in Madison only among old friends and fam-ily who will persist in calling on me in preference to the younger ones. And probably something else will turn up, to tackle — but I fear my time is short — I feel that I am fading — fast to now! —

If we should conclude to go to Calif. or in next winter it is just as likely that I would go as a health seeker than as a botanist! And that a nurse would be as important a companion as a botanical friend — and indeed perhaps more so.

Write to me soon. I shall not be able, I think, to leave Pinus ponderosa and Lauderbiana and all those fellows during this month — and if my health is not better — Sunday next!! Too bad!

Yours ever Elzbr

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Geo. Engelmann, M. D.
3003 *Locust Street.*

St. Louis, Mo., July 17 1879

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

My dear Dany

I am savage and you better look out, before you invite me. This horrid cough wears out all my christian meekness. It is a sort of Asthma — Laryngeal disease etc and the trip yesterday in the over excessive heat dust, coal smoke, and the sudden change of temperature last night did not mend things.

I would not have written at all now, because I can not say any thing — until get the Proof of Opuntias, and ought to write pieces, want to, but am now not able — hope to be in a day or two. If I can, it will be done.

But I must write about Opuntias in San Bernardino. How is that? How, that I hear of it now for the first time? Back is it ranging? It must be against all rule and regulation! Opuntias is (or has heretofore been) confined to the seaside. Are you sure? Can it not be triangulata or arenicola (which occurs sometimes without hooks, spines)

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Have you got a few cases? — "No, I did not think it necessary; every body knows it" — It is well for me that I must write, if I had you before me and talk to you, I would be immersed at once into all sorts of laughing fits — now it is only the hand not the mouth which revels!

Art is it virginia? and from La Bruyère? — found by yourself? or some other morally one-peclar?

Yes, if I do come to Liverpool, I dont want parties, meetings, excursions but I want to spend a day or two (or if you are pleasant, three) with you and nobody else, and may go down up the river to Ormskirk, Lake Scarisbrick and down the Lakes etc.

I had today a kind letter from Mrs Robson intimating that she might send Emma along with me. Quite whether I would like it or not I am so absolutely solitary now — who shall we walked pleased as in my sole company — — an Ventriloquist? Lemuel could give us a deal of information about Sheets

The Atkins & Africa fight quieted down a little now. A ride about with Bentham about Arrowtheism is also settled in my favour

Yours truly C

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., August 2 1879

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Parry

Your P.C. of Jul 31st makes
startling announcement of Agave Americana
having leaves from 8 to 36 inches in length
and this for the first time! How could you
travel a year in Mexico and not tell me
anything at all about that? Why, even
if you succeed in unloading all about that
86½ thing on Palmer and then escape,
you will not be able even to wash your
hands or shirts of the neglect of Agave
Americana and its incredible variation.
Why — how is it required at all?
It will become necessary to lay the matter
before President and Congress and send
a Commission to Mexico to investigate
that Matter. What say you? If they
will give us half the money which they
pay the Commission, which going to California
is now investigating in Chicago, why the
country is not more prosperous and
learning that we must have more money
more money and again more money!
Well with half the money they expend we
could investigate that Agave question to good
purpose, and write a real report!

Yours truly. Engelmann

Well, that is written here now there. Did
Here comes a letter from Jay. That they have
George and his wife there, are delighted etc
etc — but want me too — that Jay to
cure my cough, and Jay himself to
emulate it — and Watson to serve me
soon to Conjay. (I think that is the most
essential part for them) — And want me to
come right away!

Ought I to abandon Davenport, you
Audrey (reptiles and all) and you?
No! I shall take my time!

But I have the preliminary work
nearly finished, and will probably able
to leave about Fri 9 — will see, will
write again and send postal.

I have a great mind to avoid Rail ways
go up to St Paul — Duluth and down to
Buffalo, then by rail to Cambridge —
a rather circuitous route — but I
fancy it.

A letter from you will find me here yet
if mailed at once.

You — more dear — never mention the stork
of that Agave, and that startles me, because
nobody mentions the name of A. guttata —
which could not have been overlooked. Well
we will leave it all to Hanley.

Yours Truly
Jay

Most beggarly shabby that you
robbed the Academy of the glory of the great Mexican
Bulbaedish discovery!

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Cambridge
~~St. Louis, Mo.~~, Aug 18 1879

Dear Parry

O, how well, I did not go up the Mississippi, nor on the Lakes, if the weather week is the same as here. It rains the whole day and is cold.

I had a good passage here as it was not warm nor dusty. But not withstanding expectation I was stopped at the suspension bridge, and what better could I do than go to Niagara, where I tested my abilities in tramping over Goat Island etc for 4 hours in the wet and scarcely getting worse in cough. Vitis, Juncus and other things arrested my attention.

By some stupidity I forgot in Liverpool to separate my things in the pigeonhole, those that were to be sent to Illinois and those I wanted to take with me.

Could you make a package of it — picking out yourself what you think I need here. — Or as it is nothing, if I recollect right, of specimens (Lumbertina e.g.) or not wanted here), [illegible] my notes are

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sufficient, there only might be need
by mail — Please look them over
& once more & send.

Lemmon sent here a fine specimen
of P. Palmeri under the name of flexilis,
so that riddle is solved —. And moreover
Any one would have called that shoots
(original coralit?) Palmeri with half
green black cones: aristata with rather
shorter awns and longer cones!

We better call this Inyoan mollis
in place of to mentor: as only a more
appropriate name, but avoids any
possible confusion with Jugl. to mentosa,
Mich x (Carya) —

You may add also
(~~Ht number~~ R35½ ½) Carya oliveformis, Nutt. / put here
Coralit and whatever notes you may
have and add:) Carya tetraptera Liebm
appears to be a third Mexican species, which,
from the description, seems to be ~~immediate~~
closely allied to oliveformis.

I am in the field Palmer Cat Thurs here,
The big nuts ate.

I hope you are all well and prosp-
erous; remember me to all yours
and to our friends.

Yours ever

S. Sargent

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., May 28 1879

Dear Parry

Got your card.
Well, you will have to drink the
milk for me and if you can
not undertake that, look at least at
the oaks for me.

Here I have not seen an
Oak yet, nor a pine either,
except pinaster, the blue, in the
Garden!

Working hard to finish Conif.
F. Calif. which must be done
by to-morrow.

Feel much stronger, whether
owing to the one sidebath or
I had a week ago or what,
I do not know!

I enclose ... capsules and seeds
of Plantago major! which grows
here, but more sparingly than
P. Virginica

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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you can compare the short tops
of capsules and small seeds with
your Angelia.

My plans are now to
go with my children to New York
and Cape May, see Mack
& Philadelphia and return
here for work of my own,
before I go home.

Remember me to Mary
Mary and your folks

Yours

S Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Oct 14 1879

Dear Parry

At last home again, and as lonely as when I left 2 months ago — for George and wife are not yet back, though expected.

I have nothing from you, though I have written from Cambridge. I roamed about a good deal — Visited N York, several sea bathing places — and then again in Cambridge. Gray is very busy at Compositae for a new volume of Flora Am bor., He says, he must do that himself and if he should not live longer others can do the other parts — but he must do Compositae! But he is quite well and active — though easily suffering from bronchial affection.

He thinks it easy enough to get free passes in Calif. from R. R. Co. to obtain them to Calif.

I mail you the short outcome of my labors and hope it will be satisfactory. I also enclose the promised circular Desertatis!

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GEORGE ENGELMANN PAPERS

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I have received new labors in hand but feel not yet well settled and in working trim. Nina is one, Dorothy another —

Remember me to your folks most kindly and also, if come to the Victrolas. I hope they enjoy them greatly, as they did last year!

Yours ever

E Empton.

Life is too short to write slowly and writing rapidly makes poor reading!

How is Hebron getting on?

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Nov 15 1879

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Parry

I thought I was a very good correspondent, but you seem to think otherwise. How is that?

What about that P. C. list of Leguminosæ plants?

Why does the panel not take the trouble to come here, if it wants to see me or be seen by me? I did not know that any thing was back. So much better.

I told you that for the last 2 or 3 months I have been in active correspondence with Hooker and Bentham, lately especially with the latter about Coniferæ, Their genera etc and have at last the satisfaction to learn from him that in all essential points he has given in. But Gray and myself did "heroum" at him (Gray's expression!). He was quite gratified with the receipt of the reprint of Flor Calif. and adopted the Genera as there laid down — Quite a little victory over the common English notions.

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George had his finger amputated 3 weeks ago and is now quite well again, and we hope to get at work in Trin. But my professional practice has received a bad blow by these repeated absences — so much better for botany, you will say — But I want a little variety

I hope California will give it to me next year.

I am now immersing myself again into Carex, filling myself up, brim full, so that a good work on the genus Carex will at last gush forth, sweeping around Miss Ellett's sketches. But now I have told you that I live and work — and that is enough for one day —

Yours ever

S Lyngbye

How does Duchess like his change? Would it make him sick again? "how does Winter serve you?" Why, we have no winter, and I am first rate, with 77 !!

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Dec 16 1879

Dear Harry—

Are you "the stout, well fed and well paid explorer" who hunting for gold or for squaws stumbled upon most of our flora, which they had the wit to preserve? And thus on. That is Lemmon, who complains that I have not given him credit enough (I'll be there (I do not know to whom he alludes) for early one skim the cream off. I wrote him today, that he must have had you in his mind's eye, as his diagnosis tallies about as well as a good many that we read — and that we would have a good laugh at him. Now if you write to him you can give him and his little vanity a little notice too. Your yucca I have sent today. Thanks, at last for that long slender spine, which Barnett did not send me; it looks like one you collected. The pistil, to be sure, looks like A. Americana, but the leaf is so different. Well we still have to learn much yet. I send on a dozen fruits. I must scatter them over the inhabited and uninhabited globe! —

I can come down from my bedroom, but not leave the house yet — can get [illegible].

Your Pinus Parryana specimen is not yet in flower, and can therefore not have been collected July 12, but, I suppose, two or three months earlier, half formed cones on my specimen!

I do not know that I can send you any more pamphlets — have none left, and I believe you have most or all of them, e.g. Wislizenus Mem.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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so Iverson is working at Nat. History again!
Did his father release him?

I hope you will instruct Dr and Miss Cockerell about Agaves! and obtain them then flower and fruit of that curious one — perhaps a plantlet also.

As soon as I can lay hands on that Helenia I will work it up.

I have always something to keep me off my regular work — today came a package of plants from Dr Gattinger from Nashville, Lots of Solidago, Aster, etc, two rare Pentstemons and both Leavenworthias, many nice things; Colorado plants for M Jones to name. I told you I referred him to you for South Utah information.

Why they ask your custom plans ventured?

Yours truly

J. Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Jan 12 1880

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Fany

Glad got your paper with Asa Gr. Thanks and Congratulations. I have also written for a Thousand and one reasons, with which not only I myself can clock legibus. But the principal one was that I wanted to send you my Arrest of Carpetbag which is the heavy at Davenport's had done up all wrong. There is a very nice new species among them, one of the very few, which have come up since I furnished my paper on the Genus 20 years ago.

It bears no number, at least with me, but was what I designated as Jalapensis in the manuscript I once sent to Gray, nor do I know how it came to be named C. intrapressus, your 631 a b c. Ect is both and both that I called C. Gratonii in Schweinitz 631 b I believe, is C. Jalapensis most probably, but not a single flower to be seen. C. stramiana is also on Schweinitz 631 c and another one, which you sent in a letter from Texas. Search for the rare Cuscuta! I learned my old hands!

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I joked Lemmon about his lugubrious letter and here is his answer. He did seem to have understood that I could never call you a fat and lazy man, fading in government pap. But he seems to be a misanthropical fellow sick, I suppose.

Well now, are your plans more matured, and when will you come here?

Mine are not mature at all, and I sometimes fear as if my health would not permit the trip at all. I am still somewhat lame, get in the buggy or down stairs with some trouble. And then, I find that I am so slow in finishing what ought to be done first.

There remains Sargent, who is to take the Cactus of the forests, wants to come here, and possibly go to Texas. I think they write desires me to go with him. Now? But to botanize in winter, even there, is not exactly the thing — These plans are not mature however.

Thanks for the full notes about Palm Canyon. You have a little of my weakness. When you live long enough — a hundred or so — you will do a great deal yet — and accomplish all burning things — I fear it is the same with me.

Asa Lemmon's letter — it is hardly worth while, however, to send it.

Remember me to Mrs Parry and your friends, also the Palmers. Mrs P. is more lucky than I am, in being able to withdraw from the Bentham with some eclat. I shy without it!

Yours Truly J Engelmann

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St Louis Jan 20th 1880

Dear Parry

Jan 13

Here is a second letter from you today, and the other one of Dec 29 not answered! I am so swamped by completely demoralized — too much on hand, so that I begin or accomplish nothing.

I see that you are elected Cor. Sec. And Sec'y — well, then, it is your duty to "correspond" —

I heard from Behr that you had been there and he gave you information about Elysian; so you will get Carpentaria Grand. —

I had more plants from Greene and more corrections to make; I want to send me 100 species (@ $10.—) of new and good things — some are very fine and rare I do not doubt — others are old friends. —

Well, I am glad that poor L (Bot) and crops are "flourishing," as you say — and hope it is so really — not a mere phrase.

When this reaches you, you will have been to Tacoma, but as ifancy you will not find much chance in the road

I have got my box of Cactus the closely packed plants were in fair condition, and very good, others perfectly dry — others were mouldy — also many cones and woods — Bates is not dry yet. All my spare time is occupied with

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labeling, arranging etc and I am not through by a long shot. I expect to get one with two letters a week at least from now to August, but have not answered them new year. Not to say anything about Alvin, until I can carefully and leisurely reexamine them which is impossible now. — Lemmon's corolla from Mt Graham is exactly like the Utah & N. Mexican forms, but ... well I won't say anything about summizes or guesses.

I also found buds of the rare Clematis trichocarpa and will try to raise it — C. pubescens would be a better name as it applies also to the non fruiting plant, which is roughly pubescent all over.

I hope you enjoyed Stanley "Rhamb" and Mary's conversation.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

I stand the cold weather and that is worse, changeable weather, very wild, but am more careful than formerly, though I have to go out occasionally at night

P.S. I do not know whether I can bring back the napkin, I send it to you. Remember me to your Cabin and to our friends Wright and Parish. — That Penny is certainly a good spring. Write soon yours truly Englem

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Febr 11 1870

MO. BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Parry

Our letters crossed each other a month ago, but since then I got another one from you. I have been very busy in finishing my ten year old paper on Pines in general and Pinus Coulteri in particular. It is now in the printers hands. If others were as low as I am, science would not progress much! Well, enough of self-satisfaction! It makes one full mean or it results from a mean disposition bad weather, constipated bowels or what not.

Sargent was here 3 days and we talked a great deal about trees. But I did not engage much. He wanted me to go with him to Alabama and Florida. But I would not do. I could not afford the time and would not like to run after botany in winter. He says he will be here about July 6 on his way to San Francisco and Oregon and wants me or us to go along. Watson is going for him to the Cascade mountains. I could not say yes or no.

I had a note from Greene from New Mexico, he asks about our plans, would like to join.

Unfortunately my knee will not get well. I go about but feel weak-kneed, and know whether I could travel down that Empire wood slide now as nimbly as I did 6 years ago!

Have not seen Dr Coulter, nor heard any thing more of Palmer, I have he got the maps from me at San Antonio. If he only gets well among those pines he is at Cosiguiriachi!

Brendel is wrong, I am 71 past!

I return you the Agave prints — very positive and not much to be made of them.

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I ought not to write to you without being able to give you an account of that Heliconia! but that might be too long a delay.

Having finished my big job, I propose to begin another one, the Genus Isoetes in U. S. History, Geography etc. But before that is begun, I must have a little play time — and there your Halesia may come in — a splendid succession one of Segovia, which I just got from Hilgard in California and other little activities may keep me pleasantly occupied.

That Mexican tree yucca seems the same as the one, Thurber brought from Parras & I am inclined to look it for a southern arborescent form of Yucca baccata, but it may be distinct. It is probably in cultivation in Europe, but I do not know under what name; perhaps the one that I have seen in Italy in Gardens is ~~the name of~~ Baker's Y. pseudoloza aut polyphylla. See my Yucca paper p. 46. —

There! You have a letter, such as it is, and now you may answer it if you can.

Yours ever

J. Engelmann

I just got your letter of yesterday and open the already closed envelope to say that I expect to leave for home, where I will be here (with Mrs E.) the Passion week and on to Cairo, Alexandria among them — Easter Sunday! Also over Mediterranean to Marseilles and that's your p.o. J. Engelmann

(or two American species

Exadenus was established by Grisebach (Obs. Gent. 36 and DC. Prod. 9. 127 see also) but was united with Halenia by Benth & Hook. Gen. 2. 818. It appears however to be well distinguished from Halenia by the structure of the capsule and by the form of the seeds. The capsule is for the greater part (as far as it is placentiferous, to near the tip) distinctly bilocular, the placentae protruding from the centre of the dissepiment into the cells. In Halenia (I have examined H. deflexa) the ovary and capsule are unilocular, and the placentae strictly parietal. A still more important character I find in the seeds. In Exadenus they are globular, only about $\frac{1}{4}$ line thick, and reticulate, like those of Erythraea; in Halenia they are larger, oblong, and with a smooth surface. In the Botany of Wheelers ~~Expedition~~ Exploration of Arizona etc p. 190 I have insisted on the importance of this seed character as separating certain genera (e.g. Erythraea, Sabbatia, Chlora, Sebaea, Eustoma & others) with minute reticulated seeds from all others. But here we have two genera so closely allied as Exadenus and Halenia differing in this essential point.

The anthers in Exadenus are, like those of Halenia, Frasera, Macrocyphe and many Gentians, versatile, but act, as Benth & Hooker have it in all these genera "sacpissime extrorsum reversae". This is the case only after they have become effete ~~shed their pollen~~ as I have shown in the same work, p. 191. note; when ~~before~~ the flower opens they are always introrse, and while they burst and shed their pollen, they slowly turn over, and when effete hang down lazily and useless on the back of the filaments.

The species of Exadenus seem rather obscure. The few specimens which I have been able to examine may be thus differentiated.

E. parviflorus. Gris.? Caule stricto quadrangulato, ramis abbreviatis; foliis infimis linear-spatulatis obtusis, superioribus linearibus; calycis segmentis linearibus et corollae lobis late triangularibus tubo brevioribus; glandulis parvis extus convexis; staminibus medio tubo adnatis. — Chiapas, Mexico, Ghiesbreght, 618.

E. longiramosus Engelm n. sp. caule stricto quadrangulato, ramis elongatis; foliis linear-lanceolatis, superioribus linearibus; calycis segmentis linear-lanceolatis et corollae lobis ovato-lanceolatis tubum aequantibus; glandulis parvis extus convexis; staminibus vertu

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

fauci vel paulo infra faucem adnatis. — Parry & Palmer, Mexico, № 600 in part (the flowering specimens). Size of flower intermediate between the last and the next.

E. breviramis, Gris.? Caule stricto infra alato-quadrangulato, ramis brevissimis; foliis infimis ovatis obtusis, ceteris lanceolatis, calycis segmentis lineari-lanceolatis et corollae lobis triangularibus tubum aequantibus, glandulis extus prominentibus obtuse conicis; staminibus faucei adnatis. — Parry & Palmer, Mexico no. 600 in part (the fruiting specimens).

St Louis, Febr 12 1880 — G. Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 7th 1870

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

Dear Parry

your f 4th came
to day. Meanwhile I have received
from Palmer a long letter from Saltillo and
more live plants by mail; and
the announcement of a whole
box full of things. Too much of
the good thing! I wrote him
that he should not send any more
in January, as I could not
take care of them. One of the
things he announces is a large
Agave Vic. Sich ought to bloom.
It ought to come soon. He also
sends a Cigar box with capsules
remnants of flowers etc of same
to Cambridge for me. If in
sufficiently good condition, the
plant can then be described.

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Are those leaves you sent 2½ years ago full size ones?

We are improving our property but slowly and may be able right in summer.

My Bible paper is out of last but I send you no copy now will send two to Lemuel for you and for Academy ... will have to send lots to Philadelphia.

Our Cape platy made it desirable to have the book in folio size, which makes it look very pretentious, rather amusing to me.

Love and all the aunts and their kindest regards

Yours truly
J. Engelmann

What kind of Gentian [illegible] Vasey is good but puts us to [illegible] again. When you are done you must write to Patterson

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St. Louis, Mo., May 5 1880

Dear Harry

Got your postal May 3d today & letter a few days ago. So Hemsley has given up his Agave description. Ask Sky to look at Carga. Had he no specimens? Got a postal from Greene; he can not find Flo. - i Thamnosma juniperinum. I have answered above, comparing him to Damocles, who since 2 years is hunting (?!? more yrs?) flowers of Opuntia basilaris and - can not discover them. Parish is a better man, he sends now flowers, fruit and skeleton of Op. Rafinesquei, so that that at least is now settled. Ask Watson to whom I gave an account of it yesterday, will have told you of that.

And now to your letters seriatim.

You settle the Ephedras with Watson, but convince him of the true state of anthrophyllin — I pad compe

Thanks for the notes about Gardiner. Grey is fighting an alien and I give up — without a fight.

Newberry's suggestions are good. I had also long since selected the southern Cascades, about the 3 sisters as capital botanizing ground; but whether my knees or my heart will ever carry me there — Quien Sabe? — As to Newberry's suggestions about the value of species we have to take them for what they are worth. He is no botanist, studied them in the field very superficially and what he says are mere impressions; but then, field impressions are sometimes very valuable.

I have a long official letter from Sargent, and shall

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can ever tell if I find time. He says he will start about July 1st — I feel as if I could not accomplish what I wish yet to do (Society) before 3 months — may be 6 months !!

I learn of the heavy rains and snows west and that therefore the Botanizing will be unusually favorable.

Yes, for Dames — all the railroads ! Could Sargent help ? Get if possible Let the passes be for a year, or at least 9 months, not for one trip.

Mean while I am practicing medicine and spend valuable time there — more obstacles ever ahead !

Let me hear often from you

Yours ever

S Kingston

Thank Gregory. Raimond must cut short his range and get some of his pretty flowers.

Agave Victoriae is growing and Cereus fl. ium. H. microcarpus from Monterey, Palmer has bloomed and permitted me to complete its interesting history. I wonder, whether I shall live to do the Cacti over again? Then read it and nobody cares for or wants them.

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., May 12 1880

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Parry —

I am ashamed that I
do not hear from you, while yesterday
I had a letter from Sargent, after written after
conferring with you. I waited with my
answer 36 hours, hoping to get further
information from you, but must write
how to answer him.

I accept the offer, which is, however,
no offer at all: a "semi official position"
with the promise to try to get free trans-
portation on the Government roads. I suggest
that the Travelling expenses should be the
least that a great government could
do for "semi official" position; but that
my observations and my knowledge would
be a my home, or headquarters, at his or
any other room of future service.

I got today the big box from Pecos,
sent six or seven weeks ago from Monterey
and very much afraid, but on opening it
I find Cacti and several specimens of
Agave Victoriae in excellent condition
and one of the latter very large, and probably
going to bloom when I am away!!!

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should I not stay here to wait for it ??

This was a great mistake, a good long letter from Hooker — a longer letter from Jos. Hooker. I have had for a long time; a letter from Rutherford (Big) inviting me there!; — and a long letter from Jones from Utah. The season there was 3 - 4 weeks later than usual and he too early for anything. Ephedra in bloom when he left. I enclose his letter, which you may communicate to Watson and return.

I feel a little hesitation to expose my 72 to the hardships of Mountain travel, but we will see, if I can not get along I will take my "semi official" position of a good tavern at the base of those imprudent mountains!

Write me at once

Did they get in Cambridge anything from Palmer? He said that he packed a cigar box with fruit, stem, and dead flowers of that Agave for me and finding no place in my box he sent it along to Cambridge; I wish to get it at once.

Yours truly

Where is Mrs O., with you? Kindest regards. You must have had a letter from me a few days ago

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., *June 2d* 1870

Dear Parry —

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Seeing your long letter of May 30th before me, I can not but propose to write as long an one, if you will only read it! But then, I have nothing to tell you of feasts and banquets and great men! — Our papers (in Boston) have not a word about the great event; they are too full of Grant and Chicago. Well then! it is the great 2d and the "battle of the aldermen" is now being fought — but let them fight! We will not be able to vote for or against next November; just as I did not vote for Grant 12 years ago; we were on the Island of Capri and an English man questioned us whether we were not sorry not to be able to vote for that great Man, savior etc. I suppose next Nov. we would have to give the same answer only doubly justified — if I should be requested.

But why branch out then? Probably because I have a larger sheet before me, than usual.

Yes, yesterday note to you — & another to Engelmann were written under the influence of that Pass book — (much ado about nothing)

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And as you say nothing about it, you do not seem to have been more successful with your influential friends east. And we will have to serve the Government at our own expense. Well, as you say, we are the more independent and can give up the job, whenever we don't like it any more.

I have written to Lazard yesterday, that he is now the boss and must give the word of Command. I do not like the "always minded to make a move soon" etc. Give your orders!

I believe I told you that the stoppage at Salt Lake would cause us the berth in the Sleeping Car, and they be a bother. But if you think not, I am inclined to follow your advice, and meet Lazard at Salt Lake.

I find that I can not finish the work I had laid out for Lenore, so I give up the idea and will be ready to start when you say. As you are the great Traveller you would be Captain, Shik Lazard is Major or Major General.

Uncle Mary is not going — better for her but worse for us.

Green I see is in the midst of the hostiles and must collect Company — the Mountains. I do not know where Lemmon is, have not heard from him this last year.

And here I might close, but as I have

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such a big check and Ruth not over (only half) sleepy. I will tell you that we are not in need of Ice Cream and existing supplies here. We have had the pleasantest month of May I recollect on the average warmer than for many years, but still not overhot. very uniform with fine frostless invigorating days, such as today.

Duncan took me his (or yours) very creditable Sunday publication.

Well, if we are to meet at Kansas City (I suppose it is cheaper for you — no Omaha may be cheaper) or Omaha, you must tell me exactly when to be there, hours and date. It would be more pleasant at Kansas — but I must leave that to you.

And how long could we profitably spend in Salt Lake?

Well you and Target must fix that and I follow as ordered, bowed by an Ironclad oath!

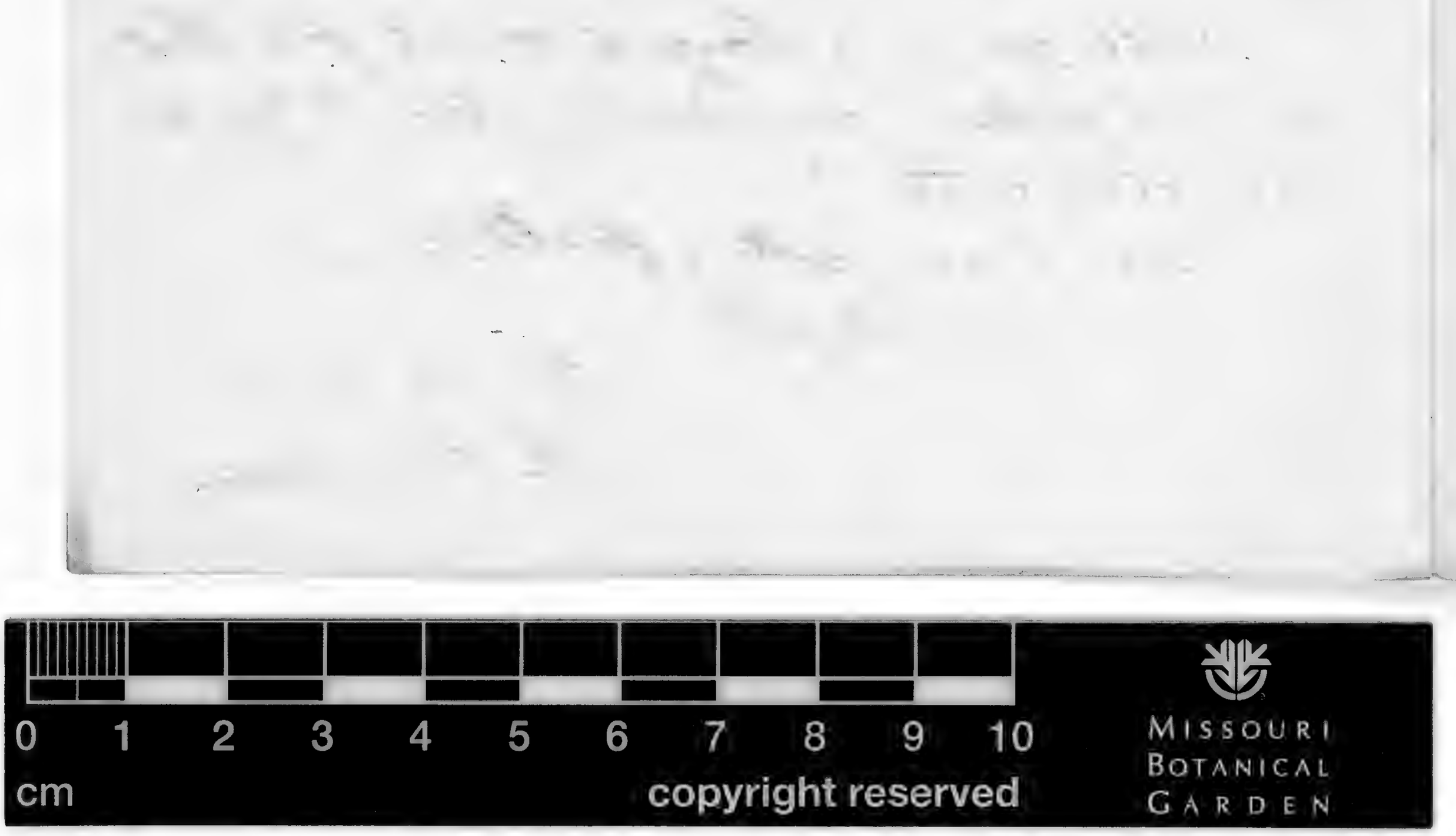
But I am getting foolish!

Good night

Yours ever

J. Eaglesmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., June 3 1870

Dear Gray

I wrote you on the 2d—
No answer yet, more die!
A letter from Sargent—
urges decision.
I consent to go and
meet him at Salt Lake, he
is to pay jet when?
But how, where and
when can I going to meet
you? or you me?
Answer at once—
I am a little puzzled
how this triangular arrange-
ment is to work

Yours ever

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GEORGE ENGELMANN PAPERS

another really box from
Palmer today, not opened yet—

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., June 10 1870

My dear Harry

Yours of 6th is rec'd — "contents noted", even "instructive"! But — to me it seems that you are dictatory, and — take matters easy enough; this I have thrown off till Business & pleasure are and am ready to start!

June 6 "Ed ready" "shall be in Davenport next week" — That is taken 13th & 20th "ready to leave the week following", that means between 20th & 26th

Well, if you say 20th and not later, we can get along!

I will give you my plans now (subject to your suggestions or veto).

I leave here Sunday evening 20th am in Omaha Monday evening, stop at Metropolitan Hotel (is that the place?) and wait for you all night and all forenoon of Tuesday.

Leave together at Tuesday noon
Arrive at Ogden Thursday June 24 Evening.
Visit at Salt Lake (what Hotel?) for Sargent from Friday 25th till Tuesday 29th Evening.
Then we 3 will go to San Francisco and arrive there July 1st in afternoon

If all goes well.
In this way we will have 4-5 days with the Mormons and can take it easy.

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avoid the uncertainty of Sargent's telegram from Colorado.

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GEORGE ENGELMANN PAPERS

If you came to us in Lowa, you would have to leave earlier — but be sure to be at Omaha at the time fixed by me, before Tuesday 22d at noon. Otherwise you could leave Monday morning Davenport I suppose.

If that plan is faulty or if it don't suit you, you must as soon as possible indicate the changes you desire. I have written to Sargent to meet us at Salt Lake between the 25th and 28th.

"You can write me at Davenport next week" we would have previous little time to arrange matters if I write "next week", but then, you will come home "before" next week", how then? The telegraph then must help us!

This will be in Davenport before you get there, but can wait for you — but don't (more so) delay to write as soon as you have read and pondered over contents.

Gray seems glad that you go with me, he perhaps wouldn't not trust me with Sargent 'im and hurry. I neither — I would fear that my "Baby" could not be strong enough, but we together will keep him within bounds, and will, if must be, rebel

(I don't like me wait in Omaha, it would be very hard, and I don't know if I could ask it that one either go or alone or come home! But if you can at the time of my time, ask another, your time.)

Yours Truly

G Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., June 15 1870

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dear Parry

You have hardly had time to read mine of the 10th and here is another! You see, am tired of! And you? I expect, as I read as a Commissioner.

Well, here is another letter of Sargent's. "I rely on your keeping Parry thoroughly posted—"

He was to be at Chicago on the 13th expects to be there (and uncertain) in Colorado.

Wishes me to be at Salt Lake end of next week — may be there himself on the 28th — or perhaps 30th, but will ask to stay there

So I have modified my plans a little.

Instead of meeting you between Monday night and Tuesday noon at Omaha, I expect to be there between Wednesday night and Thursday noon 24th, so that we could leave together Thursday 24 at noon and be at Salt Lake Saturday eve 26th

All this, if approved by you, do write at once!

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Metropolitan Hotel of Omaha is the place

And dont you look about a loose time in Iowa

I have not much else or nothing else to day just now. Getting ready rapidly.

Does Mr Parry stay east till he goes to S. Francisco?

Yours truly

J Engelmann

Whenever I can, and I will have time to write you another letter before we start

GEO. J. ENGELMANN, M. D.

Office, 201 *S. Fifth Str.* 12 to 1 o'clock.
Residence, 3003 *Locust Str.*

St. Louis, Mo., June 20 1870

MISSOURI BOTANICAL
GEORGE ENGELMANN PAPERS

My dear Doctor

I am somewhat
uneasy as to that proposed trip of
Fathers - much as I was pleased with
the idea of his going I am now a-
mused afraid that something will be
overdone - it is ridiculous to see father
talking blankets woolen and rubber -
tricing etc - he is just the day of
Camping and has no business to go
anywhere where he can not have
every Comfort

I do not like the looks of things
Target is a strong strapping young
buck who looks as if he could bear
anything, and as such runs
always on - he cannot see again
that others can not stand what
he can - he has his business in
view and will push it through
as fast as he can

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if a single expression brings about recollection, attack
-tion of rheumatism or headache - it will be a
long road a serious matter and he will be away
from home - I beg you to think well of this
and not to forget his year and his condition
With the most sincere regards from to him
Dairy and myself in which my wife cordially
joins
Truly and gratefully yours
Geo Engelmann.

You are accustomed to hard
work and hanging — Father is 72 — and
so are you — Consumption Life — Rheumatism — Bronchitis and —
these reasons it is dear to me
effects of the kidneys — you are feeble
young and will need to be willing to
receive counsel —

I beg of you to admit this
privilege and not to permit
any resistance — you must restrain
from — as you have just this in
mind to this end — I will this you
to bear with my — I will this you
undertakings which are beyond
this strength — I pledge you my word
that I will make this right —

Father should go upon a farm
and such surroundings which please
and interest him — but he should
never go beyond the reach of
every possible comfort

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., June 20th 1870

Dear Parry

I have nothing new to say, but will write only to repeat that I will leave here [redacted] Tuesday night, sleep in Omaha Wednesday night and be fresh and bright to receive you Thursday forenoon.

I shall take a section here (if I can) on the Pac. R.R. from Omaha to Ogden — for both of us, if you will consent to climb and promise not to come down on me.

Will then, on Thursday forenoon

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GEORGE ENGELMANN PAPERS

Yours truly

G. Engelmann

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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Sunday Aug 6

Dear Parry —

Mr Dunn has brought your letter, says he left you on Friday with a big bundle of plants.

We went Monday as far as the Dalles, & there, 6 or 8 miles above the town, a rare in ripe fruit, not yet seen — & other things an sterile country, such you will see when you go to Walla Walla, which seems to be scarcely worth while to do. The accounts of Douglas' country that were such that I concluded not to go, but forgot about what and had a hard trip but we collected finding nobilis & umbilis splendid (we had a spec - photographed) & Gairdneri that with Douglas missed — & Fatoniana &c — What is wanting now is subalpina & Engelmanni. I hope you can supply them. A trip to Mount Hood would probably pay better than Walla Walla and is said to be easy; you know that Hall found both there.

By the way, if you have any idea of going there, you could get full information from Hallock once by telegraphy through Portland — that any expense; he would do it for you.

We have been looking about here — yesterday, the whole day was lost in a trip south to Corvallis, through a fine agricultural region, such as I have not yet seen in Oregon. We leave here to morrow morning

for Eugene City, Turn to the Coast, Then back to the overland road, perhaps through the Canyons and I expect to be in there weeks of sessions. Where will you be?

Meetings?

We round trucks on to San Francisco and go right

before you leave here

At all events you may write V
to Sessions - further address not known at this time, except: Strawberry valley.

I hope you may be successful

Mr Dunn who is a deed sharp.
(sharp?) is going to collect awhile
etc in Douglas County.

If you can give us your address in S. Francisco we may telegraph to you there - I suppose Lick House will reach you - but when do you expect to be There? Tell us right away so we will telegraph to

Sargent & Shinn send regards

We met Brewer at the Grizzly county seat, Coulterville, took him with us to Yosemite & Portland, & he left for San Francisco

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San Bernardino Sept 22 '80

Dear Parry

Last night, late, we returned from a two days trip to the Mountains, I, myself and J Parish who took us in charge — J Kinman would not and Wright could not go. N. Jeffrey's — Cutten's — high up — on the other side — N. Lukenbach's about half way up this slope — Grimm's house also good — You could get nice acorns of it — P. Abbotsfield I got at San Gabriel.

Hon Cave, as usual is a busy man these evenings, for Tucson — and Santa Rita when

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

The Parish "boys" as they call them have been very kind and obliging so that I ventured to ask them favor to have my Coll. with them, the plant to dry, the whole to come, Cake, wood, to keep

for you

to pack up, and what you think proper and to send to me,

3000 Locust St

Kennedy

PS I may write a Circular from Tucson and you may address a letter

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there to me, but at once!

Time less than 5 minutes, so I have to close.

So good bye

Yours ever

G Engelmann

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Tucson Sept 29 '80

Dear Carry

on return from Santa Rita Mountains last night, sick and tired (bitterly disappointed!) glad to hunt, and to find that experience had to know that it did not kill!) I found among letters from home also yours.

The indefatigable Sargent wants to leave to morrow before day for Yuma, there one day — and then back to S. F. I thought of going to San Diego but will probably go with them to S. F. but not accompany them east. My intention is to stay a while there make short excursions, perhaps visit you & Mendocino — to hunt Dibblee etc and be in no hurry at all — But expect to return to St Louis by end of October; my health is now so good that I do not dread the winter and I long for serious work! All these things aforesaid and collected so hastily must be worked up! We have been in such a hurry that we already find out that we left important questions un-

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answered, ought to go again, when
we left a couple days ago and study
them out; I was disabled, and Sargent
in his usual hurry!

More when I see you

Yours truly

J. Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

One of the Gentlemen we met at the
Bohemian Club Hall, I believe,
is here, perhaps often. Mr. Ray.

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Cacti v.c. Sent to Engelmann
Jan 26th 1881.

No 1. Opuntia fulgida
2 O. Lurida. Smooth Seeds
3 O. —— ? marginata Seeds
8 O. Tessellata Seed
5 O. Ylumaensis M & Seeds
6 Yucca alba marginata
(4) Yucca Chlorocarpa ?
7 Agave Palmeri
— Echinocactus Simpsonii

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